

ABSTRACT OF THE DISCLOSURE

A treatment system is formed of a magnetic resonance diagnostic apparatus and an energy-emission treatment apparatus. The magnetic resonance diagnostic apparatus obtains tomographic images of living-body tissue of a patient. The energy-emission treatment apparatus comprises: an energy-emission therapeutic instrument, which is installed along with the magnetic resonance diagnostic apparatus, for performing treatment of an affected portion of the patient using treatment energy; an antenna, which is installed along with the energy-emission therapeutic instrument and the magnetic resonance diagnostic apparatus, for receiving electromagnetic waves which are repeatedly output at the time of taking tomographic images of living-body tissue by the magnetic resonance diagnostic apparatus; a treatment power supply unit for generating treatment energy and outputting the generated treatment energy to the energy-emission therapeutic instrument based upon on/off control signals input from a switch, or detected results whether or not the electromagnetic waves received by the antenna contain electromagnetic waves output from the magnetic resonance diagnostic apparatus; and an energy transmission cable for transmitting the treatment energy generated by and output from the treatment power supply unit

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to the energy-emission therapeutic instrument.